

Logan Natysin

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Objective

Secure an internship opportunity where I can continue to grow my software development skill set, contribute in a collaborative team environment, while contributing to an organization's success in delivering top quality solutions to clients by creating the best user experience.

Education

Virginia Polytechnic Institute & State University

B.S. Computer Science

May 2025

Current GPA: 3.49/4.0

Battlefield High School

June 2021

GPA: 4.58/4.0

Coursework

Courses: Intro to Artificial Intelligence, Data Structures & Algorithms, Computer Systems, Discrete Math, Linear Algebra, Calculus, Physics, Probability & Statistics

Awards: Dean's Honor List (4x), Varsity Golf Team Captain

Skills

Languages: Java, C, Python, SQL, PLSQL, R, Haskell, LaTeX

Tools: Git/GitHub, Unix Shell, VS Code, Eclipse, PyCharm, Overleaf, MATLAB, Microsoft Office Software

Projects

Personal Website | *HTML, CSS, JavaScript, Git/GitHub, VS Code*

Mar. 2024

- Used HTML, CSS, and JavaScript to build a personal website to display completed projects. Website is deployed on GitHub pages
- <https://lnatysin.github.io>

Pacman AI | *Python, Git/GitHub, PyCharm, AI*

Feb. 2024

- Used various AI search algorithms to solve different mazes in Pacman that ranged from easy to complex
- The different search algorithms used were Depth First Search, Breadth First Search, Uniform Cost Search, and A* Search

Personal Web Server | *C, HTTP, TCP, Git, Unix Shell, VS Code*

Nov. 2023

- Developed and built a personal web server that used HTTP and TCP protocols
- Supports multithreading for multiple clients, user authentication, video streaming, and more

COVID-19 Data Analysis | *Java, CSV, Git, Eclipse*

Apr. 2022

- Read and display data for COVID-19 using different parameters that the user could select
- Acted as the project lead managing a group of 2 other software engineers and assigned tasks to engineers based on their skillset

Experience

Stonewall Golf Club - Gainesville, VA | *Starter/Cart Attendant*

Jun. 2021 – Present

- Improve and strengthen customer service skills through constant customer interaction
- Time management, troubleshooting, and quick thinking were frequently required to keep the golfers efficiently moving through the course, leading to a better customer experience.

Kappa Delta Rho | *Service Chairman*

2023 – Present

- Founding member of Gamma Beta chapter at Virginia Tech
- Service chairman for Kappa Delta Rho (KDR) at Virginia Tech
- Organize and plan community service opportunities for KDR fraternity
- Track all community service projects and completion hours for members